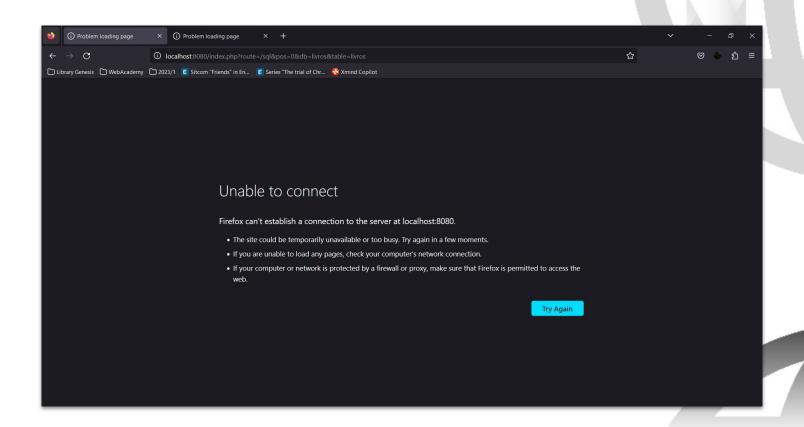
Web Academy Contêineres Trabalho Prático

Caroline Soares Braz

Antes de iniciar os contêineres



Dockerfile

Configurando o banco na porta 3306

```
bdguicontainer:
  container name: bdguicontainer
  image: phpmyadmin:latest
  ports:
    - 8080:80
  environment:
    - PMA HOST=bdcontainer
    - PMA PORT=3306
    - PMA USER=root
    - PMA PASSWORD=pass2023
  depends on:

    bdcontainer
```

Configurando o phpMyAdmin na porta 3306

```
frontend:
    depends_on:
        - backend
    build: ./webacademy-livros-frontend
    ports:
        - 80:80

backend:
    depends_on:
        - bdcontainer
    build: ./webacademy-livros-backend
    ports:
        - 4444:4444
```

Configurando o back-end na porta 4444 e o front-end na 80

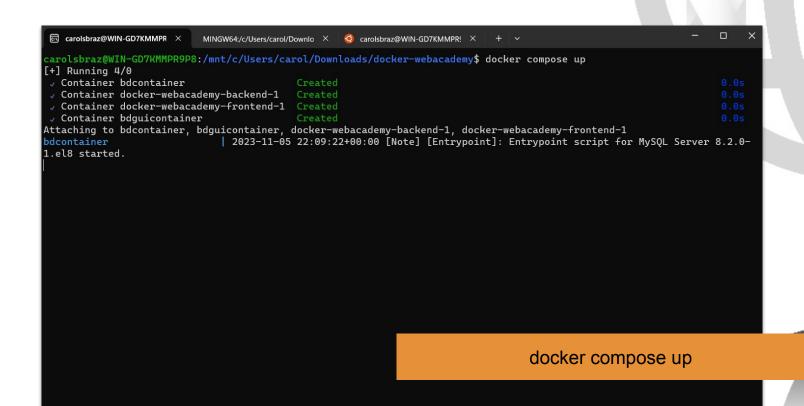
Back-end (.env)

```
bdguicontainer:
    container_name: bdguicontainer
    image: phpmyadmin:latest
    ports:
        - 8080:80
    environment:
        - PMA_HOST=bdcontainer
        - PMA_PORT=3306
        - PMA_USER=root
        - PMA_PASSWORD=pass2023
        depends_on:
        - bdcontainer
```

```
BD_DIALETO="mysql"
BD_ENDERECO="172.25.0.2"
BD_PORTA="3306"
BD_BANCODEDADOS="livros"
BD_USUARIO="root"
BD_SENHA="pass2023"
```

Configurando as variáveis de ambiente do back-end para serem compatíveis com o volume

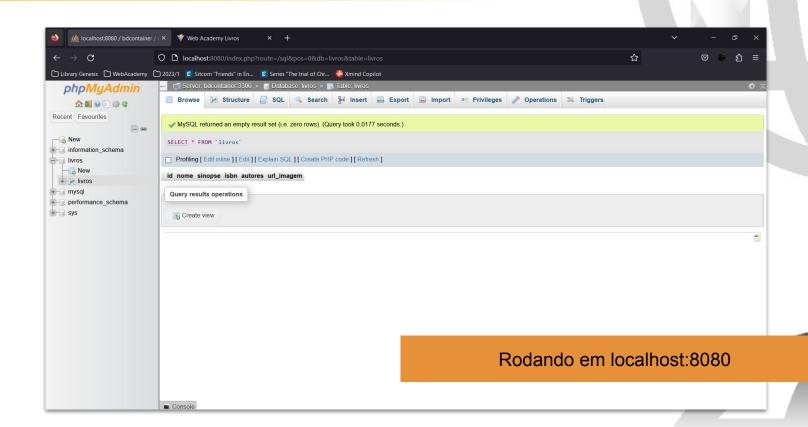
Iniciando os contêineres



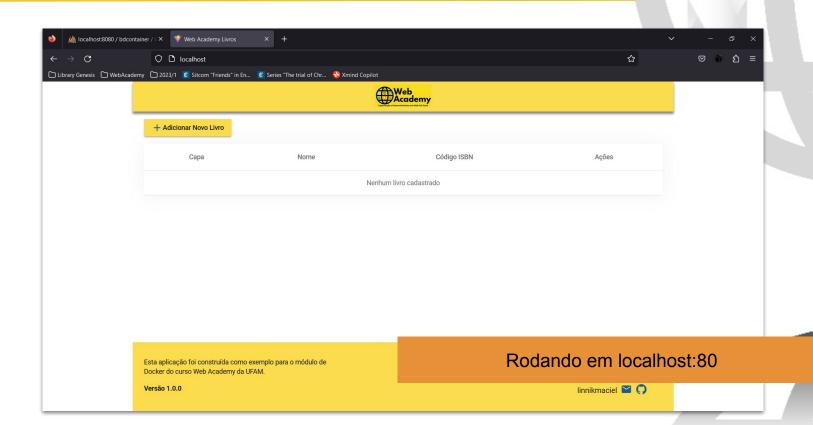
Contêineres iniciados

```
© carolsbraz@WIN-GD7KMMPR ×
                           MINGW64:/c/Users/carol/Downlo ×
                                                  carolsbraz@WIN-GD7KMMPR! X
                               2023/11/05 22:09:24 [notice] 1#1: start worker process 32
                               2023-11-05T22:09:23.920152Z 0 [System] [MY-015015] [Server] MySQL Server - start.
bdcontainer
                               2023-11-05T22:09:25.219078Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cac
bdcontainer
he' is deprecated and will be removed in a future release. Please use SET GLOBAL host_cache_size=0 instead.
bdcontainer
                               2023-11-05T22:09:25.223210Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.2
.0) starting as process 1
                               2023-11-05T22:09:25.254869Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has st
bdcontainer
arted.
docker-webacademy-backend-1
docker-webacademy-backend-1
                               > webacademy-livros-backend@1.0.0 start
docker-webacademy-backend-1
                               > node dist/servidor.js
docker-webacademy-backend-1
bdcontainer
                               2023-11-05T22:09:25.637711Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has en
ded.
bdcontainer
                               2023-11-05T22:09:25.970525Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is se
lf signed.
                               2023-11-05T22:09:25.970696Z 0 [System] [MY-013602] [Server] Channel mysql_main configure
bdcontainer
d to support TLS. Encrypted connections are now supported for this channel.
bdcontainer
                               2023-11-05T22:09:25.976725Z
--pid-file: Location '/var/run/mysqld' in the path is access
bdcontainer
                               2023-11-05T22:09:26.013258Z
                                                                  Se o banco de dados "livros" não existir, é
ns. Bind-address: '::' port: 33060, socket: /var/run/mysqld,
bdcontainer
                               2023-11-05T22:09:26.013502Z
                                                                            necessário criar ele primeiro
connections. Version: '8.2.0' socket: '/var/run/mysqld/mysq
docker-webacademy-backend-1
                               [INFO] 2023-10-05 18:09:26
ON_SCHEMA.TABLES WHERE TABLE_TYPE = 'BASE TABLE' AND TABLE
docker-webacademy-backend-1
                                [INFO] 2023-10-05 18:09:26
docker-webacademy-backend-1
                                [INFO] 2023-10-05 18:09:26 GMT-04: SERVIDOR RODANDO VIOLENTAMENTE NA PORTA 4444.
```

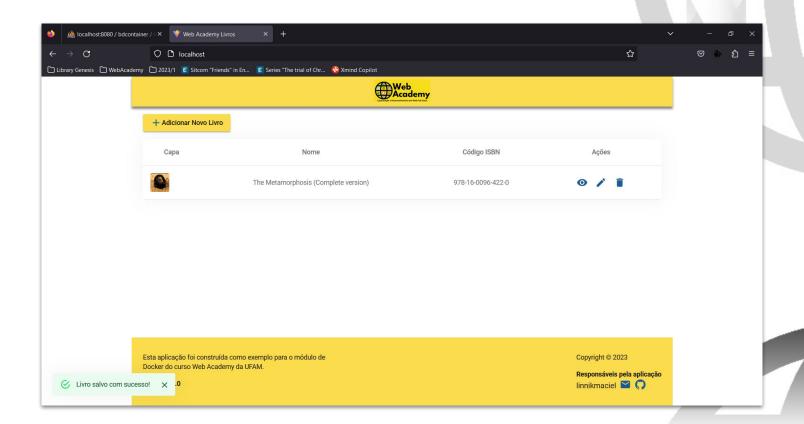
phpMyAdmin



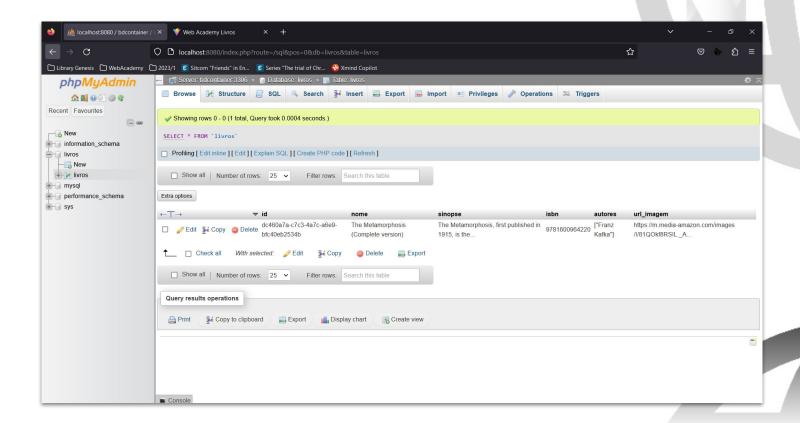
Front-end



Adicionando um livro



Conferindo se o livro foi cadastrado no banco



Parando os serviços para testar o volume

carolsbraz@WIN-GD7KMMPR9P8:/mnt/c/Users/carol/Downloads/docker-webacademy\$

```
carolsbraz@WIN-GD7KMMPR ×
                           MINGW64:/c/Users/carol/Downlo ×
                                                   carolsbraz@WIN-GD7KMMPR! X
 odguicontainer
                               | 172.25.0.1 - - [05/Nov/2023:22:15:31 +0000] "GET /js/dist/name-conflict-fixes.js?v=5.2.1
HTTP/1.1" 200 331 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
                               172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "GET /js/dist/codemirror/addon/lint/sql-lint
odquicontainer
.js?v=5.2.1 HTTP/1.1" 200 791 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
                               172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "GET /js/dist/cross_framing_protection.js?v=
bdguicontainer
5.2.1 HTTP/1.1" 200 607 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
bdguicontainer
                               172.25.0.1 - - [05/Nov/2023:22:15:31 +0000] "GET /js/messages.php?l=en_GB&v=5.2.1 HTTP/1
.1" 200 8240 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
bdguicontainer
                               172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "GET /favicon.ico HTTP/1.1" 200 22788 "-" "M
ozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
                               172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "POST /index.php?route=/config/get HTTP/1.1"
bdguicontainer
200 2122 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
bdguicontainer
                               <u> 172.25.0.1 - - [05/No</u>v/2023:22:15:32 +0000] "POST /index.php?route=/navigation&ajax_requ
est=1 HTTP/1.1" 200 3086 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
                               172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "POST /index.php?route=/config/get HTTP/1.1"
bdguicontainer
200 2212 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
bdguicontainer
                               | 172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "GET /index.php?route=/recent-table&ajax_reg
uest=1&recent_table=1&no_debug=true&_nocache=1699222532117277640&token=2e6b482673212c555c303d664a5a486e HTTP/1.1" 200 21
62 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
bdguicontainer
                               | 172.25.0.1 - - [05/Nov/2023:22:15:32 +0000] "POST /index.php?route=/config/set HTTP/1.1"
 200 2112 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/119.0"
^CGracefully stopping... (press Ctrl+C again to force)
Aborting on container exit...
 ✓ Container docker-webacademy-frontend-1 Stopped

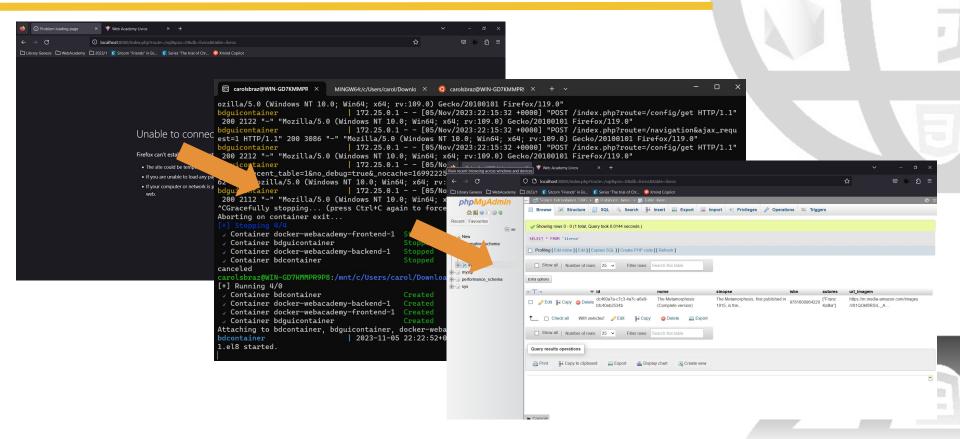
√ Container bdguicontainer

                                                                                            Ctrl + C
 ✓ Container docker-webacademy-backend-1 Stopped

√ Container bdcontainer

canceled
```

Subindo os serviços novamente



Obrigada!

Repositório:

https://github.com/carolsbraz/webacademy/tree/main/WACAD012%20-%20 Cont%C3%AAineres